

# Intelligent Transport

**O**ur transport solutions can improve customer service, and loyalty, as well as reduce customer churn and costs. We help you assemble the business case and build the components of an effective transport management capability. With our industry alliances, we also enable you to exploit emerging technologies that directly benefit you.

## THE CHALLENGE

What's critical to your business? The answer is transport. This means moving yourself, your goods and your people safely and efficiently, time after time, so that your business keeps running at its best. But we know the pressure is on to use the most environmentally-friendly methods possible. This requires a new way of thinking. For instance, managing transport networks more efficiently rather than simply expanding them, and making public transport a first choice for travel, not last.

The future of the global economy depends on transport. As cities account for more economic power over time, transport within cities is becoming increasingly vital and demand is growing by the day.

However, transport comes with challenges. It accounts for 30 percent of our energy consumption. And, it's one of the main and fastest growing sources of CO2 emissions today, accounting for 30 percent of European Union energy consumption. The EU has set a goal of reducing carbon emissions 60 percent by 2050. Therefore, cleaner transport technologies are needed that are more efficient and friendly to our environment.

## OUR ANSWER

CGI is leading the way in the large-scale deployment of intelligent transport and logistics solutions and services. We are helping to shape the future of transport through our work with clients and our involvement with ERTICO, national intelligent transport organizations, and our own innovation centers.

CGI works across the ecosystem of manufacturers, suppliers, retailers, policy makers, regulators, and communications providers. Our solutions focus on asset management, smart travel, infrastructure charging, smart logistics and transport management.

We combine our knowledge of transport systems technologies with our experience in the transport sector to provide end-to-end solutions. Our solutions are robust, reliable and secure, ensuring you are perfectly positioned to work successfully with all of your stakeholders.



## FACT SHEET

### TRANSPORT AND LOGISTICS

**Dynamic transport management:** Collection and use of real-time data for travelers and transport operations

**Smart travel:** Management of customers and their transport related transactions.

**Smart logistics:** Monitoring the movement of fleets, freight and logistics service providers, providing feedback about item locations.

**Infrastructure charging:** Ability to charge for the use of infrastructure.

**Optimal asset management:** Optimal management of physical assets.

We blend the lessons we have learned from large, global transport projects with our unique local delivery capabilities. And, we go beyond technology alone to provide a sustainable solution. Our experts offer a winning combination of technical know-how and deep industry knowledge, accumulated over many decades. Our clients benefit from the best solutions and advice from people who know how to deliver. Examples of our offerings include the following:

**One of the largest transport solution projects in the world:** In the Middle East, CGI is managing the implementation of a client's automated traffic control, enforcement and security system, with a total investment of 1.5 billion dollars.

**Cooperative systems:** We offer an open, scalable, real-time, distributed, sustainable, secure and affordable platform for cooperative transport system applications.

**Electric vehicles:** CGI's e-mobility charging solution, CiMS, is managing charging infrastructures in the Netherlands and Germany.

**Carbon footprint:** CGI's on-board vehicle emissions monitoring system, EMO, has been recognized as one of the 10 game-changing innovations to combat climate change.

**Pay as you drive:** Our Crimson solution seamlessly integrates with your insurance application and calculates premiums in real time based on distance, time and speed.

**Mass data billing:** We implement billing solutions for our clients that manage large volumes of low value transactions. We have a back-office billing engine for connected vehicles and ticketing.

**Route optimization:** CGI's MEG is a vehicle tracking and routing system aimed at maximizing use and reducing the running cost of fleets.

**Journey planner:** We implemented the Navici journey planning solution in Helsinki and around the world, which finds the best options using any travel combination from walking and cycling to trains and ferries. The journey planner has won several awards and has been rated Finland's second most valued Internet brand.

**Airport management:** CGI's GO solution offers extensive and optimized support for airport operations management. We developed GO as a system suitable for customization and deployment in almost any airport infrastructure. It manages and controls all of the daily operational activities of an airport.

**Smart tracking:** Our project with Transport Scotland—one of the largest in the world—won the Best Transport Partnership of the Year award at the 2010 Scottish Transport Awards in Glasgow.

## WHY CGI?

- We are a provider of end-to-end IT transport and logistics services, from consulting to full IT outsourcing, along with specialized IT aviation, rail and postal services.
- In the aviation sector, we are a service provider to 4 of the top 5 major global carriers, as well as 5 of the top 10 airports in Europe.
- In the rail sector, we are the service provider to three of the largest national infrastructure providers in Europe.
- We are the largest services provider to the postal sector in Europe. We have 30+ years of transport and logistics experience.

## ABOUT CGI

With 69,000 professionals operating in 400 offices in 40 countries, CGI fosters local accountability for client success while bringing global delivery capabilities to clients' front doors. Founded in 1976, CGI applies a disciplined delivery approach that has achieved an industry-leading track record of on-time, on-budget projects. Our high-quality business consulting, systems integration and outsourcing services help clients leverage current investments while adopting new technology and business strategies that achieve top and bottom line results. As a demonstration of our commitment, our average client satisfaction score for the past 10 years has measured consistently higher than 9 out of 10.

For more information about CGI, visit [www.cgi.com](http://www.cgi.com) or email us at [info@cgi.com](mailto:info@cgi.com).